

### REMARKS

Claims 16-42 and 44-48 are hereby canceled without prejudice. Claims 1-15 and 43 were previously canceled without prejudice. Claims 49-64 are new, of which claims 49, 62, 63, and 64 are independent in form. No new matter has been added.

### EXAMINER INTERVIEW SUMMARY

Applicants wish to thank the Examiner for the interview of October 15, 2009. Applicants wished to discuss the art cited in the current Office Action, as well as clarification as to the "Requirement for Information" included in the current Office Action. The Examiner provided the clarification necessary to allow Applicants to respond in full to the Requirement, by indicating which contextual information was necessary to facilitate consideration of the information disclosure statement submitted March 10, 2008.

### REQUIREMENT FOR INFORMATION

A Requirement for Information under 37 CFR 1.105 was included in the present Office Action, as regards the IDS submitted March 10, 2008. Applicants respond as follows:

- *State whether any search of prior art was performed.*

Applicants have not performed a formal prior art search. However, many of the references included in the IDS were initially cited by the USPTO or a foreign patent office, during examination of this or other patent applications.

- *Cite with specificity the relevant passages of the cited art.*

Applicants have made a good faith effort to obtain this information, and have included the results as an attachment to this Response. References are presented in the same order as the IDS of March 10, 2008. Common assignment/ownership of patents or pending applications is also noted. The Examiner is urged to contact Applicants' representative directly, if additional information in Applicants' possession is required.

### 35 USC § 102(e) REJECTIONS

Claims 16-42 and 44-48 have been rejected under 35 U.S.C. § 102(e) as being anticipated by Downs et al., U.S. Patent No. 6,226,618 B1.

As these claims have been canceled, Applicants respectfully request that these rejections be withdrawn as moot.

## RESPONSE TO REQUIREMENT FOR INFORMATION

Cite No.	US Patent/App Number	Name of Patentee or Applicant	Date of Publication	Relevant Passages or Notes
1	4,992,940	Dworkin	2/12/91	Abstract
2	5,337,357	Chou et al	8/9/1994	Abstract
3	5,410,415	Parulski et al	4/25/1995	Abstract
4	5,724,327	Timmermans et al	3/3/1998	Abstract
5	5,765,176	Bloomberg	6/9/1998	Abstract
6	5,805,799	Fredrickson et al.	9/8/1998	Abstract
7	5,896,454	Cookson et al	4/20/1999	Abstract
8	5,946,665	Suzuki et al.	8/31/1999	Abstract
9	6,009,525	Horstmann	12/28/99	Abstract
10	6,182,069	Niblack et al.	1/30/2001	Abstract
11	6,192,139	Tao	2/20/2001	Col. 3, ln. 1-50
12	6,209,092	Linnartz	3/27/2003	Col. 5, ln. 3-65
13	6,260,024	Shkedy	7/10/2001	Abstract
14	6,349,143	Hastings et al	2/19/2002	Abstract
15	6,366,910	Rajaraman et al.	4/2/2002	Abstract
16	6,463,426	Lipson et al	10/8/2002	Abstract
17	6,463,431	Schmitt	10/8/2002	Abstract
18	6,625,581	Perkowski	9/23/2003	Abstract
19	6,629,097	Keith	9/30/2003	Abstract
20	6,642,939	Vallone et al	11/4/03	Abstract
21	6,701,391	Ayat et al.	3/2/04	Abstract
22	6,799,224	Dellaconna	9/28/04	Abstract
23	6,851,082	Corbett	2/1/05	Abstract
24	6,889,302	Gibble et al.	5/3/05	Abstract
25	6,889,383	Jarman	5/3/05	Abstract
26	6,957,232	Hoeye et al.	10/18/05	Abstract
27	6,971,013	Mihcak et al.	11/29/05	Abstract
28	7,003,131	Watson et al.	2/21/06	Common assignee; Abstract
29	7,032,093	Cameron	4/18/06	Abstract
30	7,032,177	Novak et al.	4/18/06	Abstract
31	7,036,024	Watson	4/25/2006	Common assignee; Abstract
32	7,099,491	Takaku	7/29/2006	Abstract
	7,111,171	Collens et al.	9/19/2006	Common assignee; Abstract, Figure 2 and related description
33				
34	7,181,044	Watson et al.	2/20/2007	Common assignee; Abstract
35	7,188,248	Watson	3/6/2007	Common assignee; Abstract
36	7,231,607	Neely et al.	6/12/2007	Common assignee; Abstract
37	7,246,322	Neely et al.	7/17/2007	Common assignee; Abstract
38	7,257,732	Zarnke et al.	8/14/2007	Common assignee; Abstract
	2001/0037465 A1	Hart et al	11/1/2001	Abstract
39	2001/0051996 A1	Cooper et al	12/13/2001	Para. 17-20; Figure 2; Abstract
40	2002/0059238 A1	Saito	5/16/2002	Abstract; Fig. 1; [0059]-[0109]
41	2002/0087876 A1	Larose	7/4/2002	Abstract
42	2002/0095582 A1	Peled et al	7/18/2002	Abstract
43	2002/0118299	Kahn	8/29/2002	Abstract
44				

45	2002/0150277	Nishimoto et al	10/17/02	Abstract
46	2002/0174021	Chu et al.	11/21/02	Abstract
47	2002/0178077	Katz et al.	11/28/02	Abstract
48	2002/0196976	Mihcak et al.	12/26/02	Abstract
49	2003/0005295	Girard	6/29/2001	Fig. 4 and related description
50	2003/0014751	Paek	1/16/2003	Abstract
	2003/0030752	Begeja	2/13/2003	
51	A1			Abstract
52	2003/0081857	Tapson	5/1/2003	Abstract
	2003/0107676	Jang	6/12/2003	
53	A1			Abstract
	2003/0126599	Novak et al.	7/3/2003	
54	A1			Abstract
55	2003/0139971	Rescigno et al.	7/24/2003	Abstract
	2003/0163430	Takaku	8/28/2003	
56	A1			Abstract
	2003/0163466	Rajaraman et al.	8/28/2003	
57	A1			Abstract
58	2003/0182297	Murakami et al	9/25/2003	Abstract
	2003/0191738	Hoeye et al.	10/9/2003	
59	A1			Abstract
	2004/0008864	Watson et al	1/15/2004	
60	A1			Common assignee; Abstract
	2004/0010694	Collens et al	1/15/2004	Common assignee; Abstract, Figure 2
61	A1			and related description
62	2004/0114049	Arora	6/17/2004	Abstract
63	2004/0136698	Mock	7/15/2004	Abstract
	2004/0139064	Chevallier et al	7/15/2004	
64	A1			Abstract
	2004/0166484	Budke	8/26/2004	
65	A1			Abstract
	2004/0166915	Robarge	8/26/2004	
66	A1			Abstract
67	2004/0169683	Chiu et al	9/2/2004	Abstract
	2005/0004873	Pou et al.	1/6/2005	
68	A1			Abstract
69	2005/0050103	Kesteloot et al	3/3/2005	Common assignee; Abstract
70	2007/0240234	Watson	10/11/2007	Common assignee; Abstract
	2007/0283276	Neely et al	12/6/2007	
71	A1			Common assignee; Abstract
	2007/0294297	Kesteloot et al	12/20/2007	
72	A1			Common assignee; Abstract

Cit e No.	Foreign Patent Document	Name of Patentee or Applicant	Date of Publication	Relevant Passages or Notes
1	WO 01/37479	Fujitsu Limited	11/16/2000	Abstract; [0014]-[0023]; [0029]-[0054]; [0077]-[0122]
	WO 02/073378	Bel et al.	1/28/2002	
2	A2			Pg. 2, ln. 42 - pg. 5, ln. 15
3	2004/0139064 A1	Chevallier et al	7/15/2004	Abstract
	WO 2004/006168	Watson et al	7/9/2003	PCT filing of commonly-assigned 7,003,131; see above
4	WO 2004/006494	Collens et al	7/9/2003	
5	WO 2004/006559	Malcolm et al	7/9/2003	PCT filing of parent application; see above
6	WO 2004/06294	Neely et al	1/8/2004	PCT filing of commonly-assigned 2004/0088557; see above
7				PCT filing of commonly-assigned 2004/0083487; see above

	5 A2			above
	WO 2004/06429	Rechsteiner et al	1/8/2004	PCT filing of commonly-assigned 7,231,607; see above
8	3 A2			
	WO 2004/07058	Watson	1/8/2004	PCT filing of commonly-assigned 2004/0139047; see above
9	5 A2			
	WO 2004/07099	Watson	1/8/2004	PCT filing of commonly-assigned 7,036,024; see above
10	8 A2			
	WO 2005/00902	Kesteloot et al	7/14/2004	PCT filing of commonly-assigned 7,188,248; see above
11	4			
	WO 2005/07937	Zarnke et al	2/14/2005	PCT filing of commonly-assigned 2007/0118812; see above
12	5			
	WO 2005/08698	Malcolm et al	3/15/2005	PCT filing of commonly-assigned 7,257,732; see above
13	5			
	WO 2006/02583	Kesteloot et al	8/31/2004	PCT filing of commonly-assigned 2005/0201726; see above
14	3			
	WO 2006/05593	Watson	11/17/2005	PCT filing of commonly-assigned 2005/0050103; see above
15	8 A2			
	WO 2007/14940	Kesteloot et al	6/18/2007	PCT filing of commonly-assigned 2005/0120053; see above
16	5 A2			
	WO 2008/00517	Rechsteiner et al	1/10/2008	
17	4 A2			Common assignee; Abstract
	EP 1 199 647 A2	Holt et al.	10/22/2001	Abstract
18				Pg. 1, ln. 17 - pg. 2, ln. 17; pg. 3, ln. 5 - pg. 4, ln. 14; pg. 6, ln. 21 - pg. 7, ln. 9
	FR 2 750 554 A1	Arnaldo et al.	6/28/1996	Pg. 1, ln. 1-6; pg. 2, ln. 10 - pg. 3, ln. 13; pg. 4, ln. 10 - pg. 5, ln. 20; pg. 6, ln. 12 - pg. 7, ln. 16; pg. 8, ln. 13 - pg. 9, ln. 11; pg. 10, ln. 35 - pg. 12, ln. 10
19		Francois et al.	12/4/1998	
	FR 2 786 973 A1			
20	JP 05 137090 A	Sakui	11/12/1991	Abstract
21	JP 2005-533410A	Watson et al	7/9/2003	Japanese filing of 2004/0008864 A1; see above.
22	JP 2005-533416A	Malcolm et al	7/9/2003	Common assignee; Japanese filing of PCT/US2003/021650; Abstract
23	JP 2006-518063A	Rechsteiner et al	1/8/2004	Common assignee; Japanese filing of PCT/US2004/000302; Abstract
24	JP 2006-520944A	Neely et al	1/8/2004	
25	JP 07 281293	Sasaki	4/7/1994	Japanese filing of 2007/0283276 A1; see above.
26				Abstract

Cite No.	Non-Patent Literature Documents	Relevant Passages or Notes
1	Dittman, J. "Combining digital watermarks and collusion secure fingerprints for customer copy monitoring." Secure images and Image authentication, The Institution of Electrical Engineers, IEE, London, 2000.	Abstract
2	Fridrich, Jiri. "Copyright protection of digital images (authentication)." 2/18/2003, <a href="http://www.ws.binghamton.edu/fridrich/Research/tutor2.ppt">http://www.ws.binghamton.edu/fridrich/Research/tutor2.ppt</a> .	Abstract
3	Rey, Christian, et al. "A survey of watermarking algorithms for image authentication." EURASIP Journal on applied processing, 2002, Hindawi Publ. Corp., <a href="http://www.hindawi.co.uk/access/get.php?journal=asp&amp;volume=2002&amp;pii=S1110865702204047">www.hindawi.co.uk/access/get.php?journal=asp&amp;volume=2002&amp;pii=S1110865702204047</a>	Abstract



## CONCLUSION

In light of the above-listed amendments and remarks, Applicants respectfully request allowance of the remaining Claims.

The Examiner is urged to contact Applicants' undersigned representative if the Examiner believes such action would expedite resolution of the present Application.

Respectfully submitted,

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